

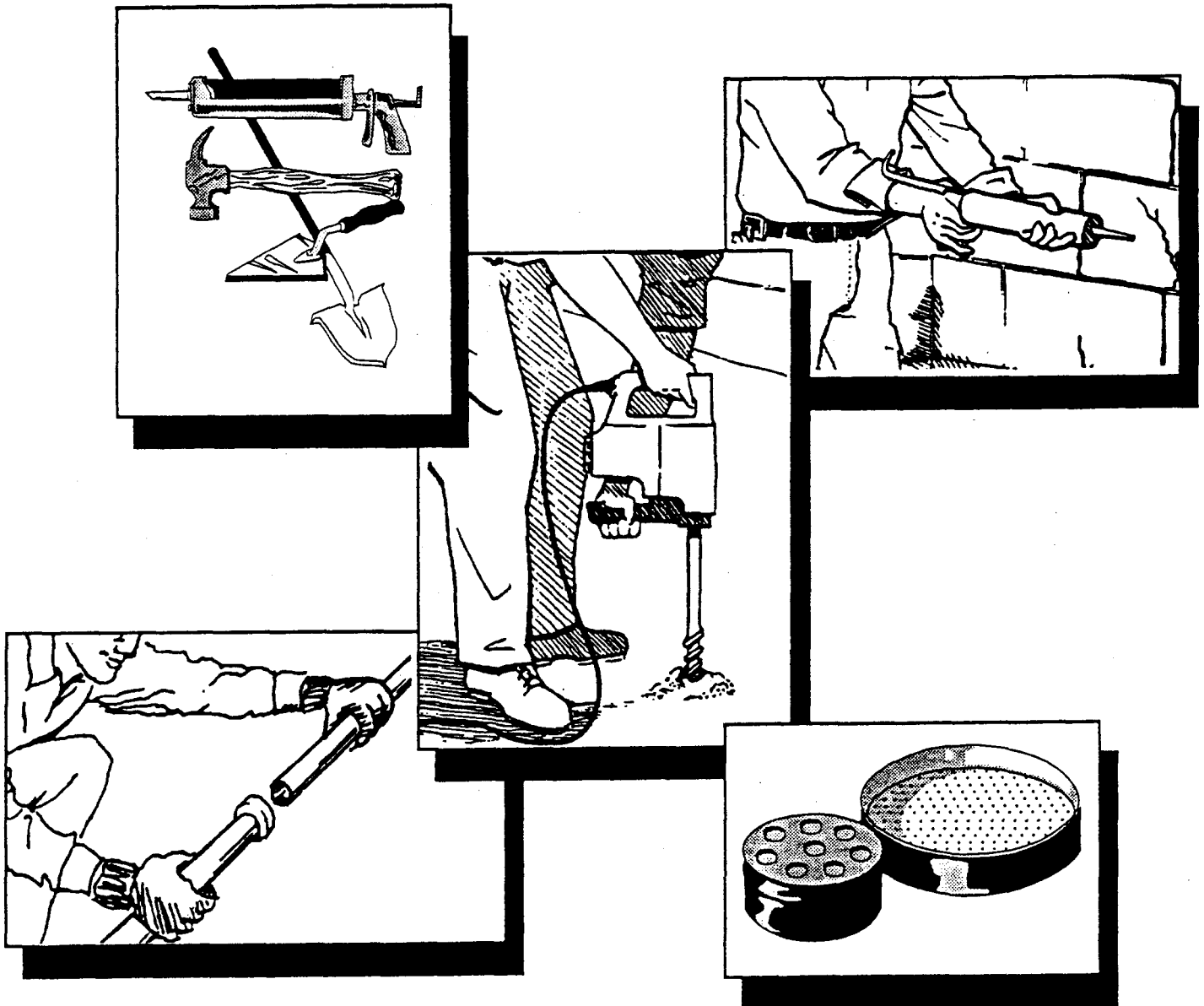


# The National Radon Contractor Proficiency (RCP) Program

AUGUST, 1995



## Proficiency Report



A Report Listing  
Radon Mitigation Contractors

U.S. Environmental Protection Agency  
Region VII  
Information Resource Center  
901 N. 5th Street  
Kansas City, KS 66101

1995

402-R-95-007

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## **National Radon Contractor Proficiency Program**

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### ***Proficiency Report***

Prepared Under  
Contract #68D20185

For  
Radon Division (6604J)  
Office of Radiation Programs  
U.S. Environmental Protection Agency  
Washington, DC 20460

January 1995

# **RADON CONTRACTOR PROFICIENCY REPORT**

## **FOR**

## **KANSAS**

This is an alphabetical listing of contractors that have completed the requirements of the **EPA Radon Contractor Proficiency (RCP) Program**. It includes both those contractors who have specifically indicated that they will provide such services in Kansas as well as those contractors in adjacent states (Colorado, Missouri, Oklahoma, and Nebraska) who provide such services nationwide.

This list is provided to assist home owners in identifying contractors who provide radon mitigation services in Kansas. No endorsement or recommendation of any of the contractors is expressed or implied.

Questions regarding the RCP Program or radon mitigation in general should be directed to:

<i>Bruce Snead</i>	or	<i>Radon Proficiency Programs Information Service</i>
<i>Engineering Extension</i>		<i>RMP Program Quality Assurance Coordinator (RQAC)</i>
<i>133 Ward Hall</i>		<i>c/o Sanford Cohen and Associates, Inc. (SC&amp;A)</i>
<i>Manhattan, Kansas 66506-2508</i>		<i>1418 I-85 Parkway</i>
<i>(913) 532-6026</i>		<i>Montgomery, AL 36106 FAX (334) 260-9051</i>

or

*Kansas Department of Health and Environment  
Bureau of Air and Radiation  
Radiation Control Program  
Forbes Field, Building 283  
Topeka, Kansas 66620-0001  
(913) 296-6183 or 1-800-693-5343*

Any **complaints** regarding services provided by the contractors listed should be reported to:

*Kansas Department of Health and Environment (listed above)*

and

<i>Consumer Protection Division</i>	and	<i>the Better Business Bureau in Your Area:</i>
<i>Attorney General's Office</i>		<i>Kansas City area (816) 421-7800</i>
<i>Kansas Judicial Center, Lower Level</i>		<i>Northeast Kansas area (913) 232-0454</i>
<i>Topeka, Kansas 66612</i>		<i>all other remaining areas of Kansas (316) 263-3146</i>
<i>296-3751 or 1-800-432-2310</i>		

## 1. INTRODUCTION

The primary objective of the U.S. Environmental Protection Agency's (EPA) efforts to address the indoor radon problem is to reduce radon levels in buildings throughout the country. Achieving this objective requires a nationwide supply of capable radon mitigation contractors. In the Indoor Radon Abatement Act of 1988, Congress authorized EPA to establish a program to evaluate radon mitigation contractors and to provide this information to the public in cooperation with the States.

The Radon Contractor Proficiency (RCP) Program was developed to assist States, EPA Regions, local government officials, and the public in selecting contractors who have demonstrated their proficiency in reducing indoor radon levels. This program is managed by the EPA Office of Radiation Programs' Radon Division. Under this voluntary program, radon contractors demonstrate their proficiency by meeting specific Program requirements. Individual contractors who meet these requirements are then listed in the Report.

## 2. LISTING IN THE PROFICIENCY REPORT - WHAT DOES IT MEAN?

This report lists those individual contractors who have met the requirements of the RCP Program as of January 31, 1995. These requirements are designed to provide minimum proficiency criteria for individuals who design and supervise the installation of radon mitigation systems in buildings.


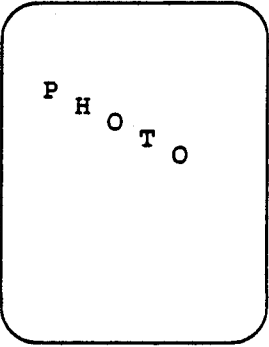
The RCP Program measures the proficiency of an individual contractor, not their company. Therefore, users of this report who select a mitigation firm should ensure that the services are provided by the listed contractor.

The National RCP Program does not accredit mitigation contractors, nor does it certify, recommend, or endorse participating companies. Only the listed contractor, not their company of affiliation, are deemed proficient. The inclusion of a contractor in this report should not be interpreted as a certification or accreditation of the individual or affiliated company.

States and the public are advised to use only those contractors who are currently listed and continue to meet all of the program's requirements as outlined in Section 3. A proficient mitigator can be identified by their RCP photo identification card. A sample of this card is shown in Exhibit 1. The RCP identification number can be used to verify a contractor's current status in the program, or to report any problems or deficiencies to the State contacts. When using listed mitigation contractors, consumers should verify that the contractor has kept his/her proficiency status current by checking the expiration date on the contractor's RCP identification card. The Report will be updated several times a year.

## EXHIBIT 1

### RCP PROGRAM IDENTIFICATION CARD

 <b>USEPA Radon Contractor Proficiency Program</b>	
	<div>Expiration Date</div>
	Name: ID#:
<small>The identified individual has completed the requirements for listing under the U.S. Environmental Protection Agency's Radon Contractor Proficiency (RCP) Program. This person is not an employee of, nor do they represent, the Federal Government.</small>	

The EPA Radon Contractor Proficiency (RCP) Program evaluates the proficiency of radon mitigation contractors. This voluntary program does not accredit, certify, recommend, or endorse listed contractors, nor is it responsible for work done, or liability incurred by the contractor. Contractors must pass a written examination, keep records on mitigation work, adhere to mitigation guidelines, complete continuing education requirements, pass a reexamination every two years and maintain a current listing on the RCP National Radon Contractor Proficiency List. To verify current listing or to report problems, please call your State Department of Health or Environmental Protection.

### 3. PROGRAM REQUIREMENTS

The RCP is a voluntary program, consisting of several elements which collectively help to ensure the proficiency of radon mitigation contractors. In order to demonstrate proficiency and be listed in the Report, contractors must fulfill certain requirements:

- **Training** - the contractor must complete at least two days of EPA-approved, hands-on training. Training is available through EPA Regional Radon Training Centers (listed in the Preface) and other approved training providers. Contact the Radon Information Service at (334) 272-2797 for more information.
- **National Exam** - a contractor's knowledge of the major areas (domains) of mitigation practice is evaluated through a comprehensive written national exam (see Exhibit 2). There are six exam domains:
  - Evaluation
  - Diagnosis
  - Selection Strategy
  - Implementation Strategy
  - System Evaluation
  - Ethics
- **Record Keeping and Inspection** - the contractor must maintain records on the mitigation system he or she has installed.
- **Radon Mitigation Standards** - the contractor must adhere to minimum performance standards. The public may wish to use these standards as a basis for comparing service bids by contractors. "Radon Mitigation Standards", EPA 402-R-93-078, October 1993 (Revised April 1994), copies available from the Radon Information Service (334) 272-2797 or write to SC&A, Radon Information Center, 1355 Beverly Road, Suite 216, McLean, VA 22101.
- **Continuing Education** - the contractor is strongly recommended to take over a two-year period sixteen (16) hours of coursework, conferences, symposia, workshops, seminars, or other radon-related activities. This will facilitate professional development and provide the opportunity to remain well-informed on current radon mitigation practices and procedures.
- **Biennial Re-exam** - the contractor will be evaluated by written examination every two years on their knowledge of changes in technology, regulations, protocols, and other radon subjects. Updated ID cards will be issued to contractors upon passage of the re-examination.
- **User Fee** - the contractor shall pay an annual user fee.

## **EXHIBIT 2**

### **DESCRIPTION OF EXAM DOMAINS**

#### **1. Evaluate**

Review the radon measurement history by evaluating past test results in order to determine if there is need for further action.

#### **2. Diagnose**

Identify the radon entry routes by visually inspecting the structure and by using diagnostic tests. This information can be used for designing a mitigation system or for troubleshooting system failures.

#### **3. Selection Strategy**

Select a mitigation strategy by reviewing relevant data and by considering the client's requirements, industry standards and practices, and mitigation alternatives (along with their relative costs and benefits), in order to reduce radon levels.

Develop a detailed mitigation design (including the type, size, and location of the system, and any necessary equipment) within the constraints of the building's construction, building codes, and other relevant factors that could affect the system's performance.

#### **4. Implementation Strategy**

Implement the mitigation system design by correctly installing the equipment and by making structural alterations and/or repairs as necessary in order to reduce radon levels.

#### **5. System Evaluation**

Check the operation of the system by performing appropriate tests. Arrange for proper system maintenance and follow-up by educating the client to ensure continued system functioning and effectiveness.

#### **6. Ethics**

Adhere to the highest standards of business and ethical practice and respect the privacy rights of clients.

#### 4. RADON MITIGATION STANDARDS

The document by the same name (EPA 402-R-93-078) published by the USEPA in October 1993 (revised April 1994) provides radon mitigation contractors with uniform standards that will ensure quality and effectiveness in the design, installation, and evaluation of radon mitigation systems in detached and attached residential buildings three stories or less in height. The RMS is intended to serve as a model set of requirements which can be adopted or modified by state and local jurisdictions to fulfill objectives of their specific radon contractor certification or licensure programs. To obtain a copy of this booklet, contact the Kansas Dept. of Health & Environment, Radon Program at (913) 296-6183.

#### EPA Regional Radon Programs

<u>EPA Region</u>	<u>States Served</u>	<u>Telephone #</u>
1.	CT,ME,MA,NH,RI,VT	(617) 565-4502
2.	NJ,NY,(PR,VI)	(212) 264-4110
3.	DE,DC,MD,PA,VA,WV	(215) 597-8320
4.	AL,FL,GA,KY,MS,NC,SC,TN	(404) 347-3907
5.	IL,IN,MI,MN,OH,WI	(312) 353-9538
6.	AR,LA,NM,OK,TX	(214) 655-7223
7.	IA,KS,MO,NE	(913) 551-7020
8.	CO,MT,ND,SD,UT,WY	(303) 293-1709
9.	AZ,CA,HI,NV,(GU)	(415) 744-1045
10.	AK,ID,OR,WA	(206) 553-7299

#### Regional Radon Training Centers

**Eastern Reg. Radon Training Center**  
Rutgers University  
Radiation Science Department  
Kilmer Campus, Bldg. 4087  
New Brunswick, NJ 08903  
tel# (201) 932-2582

**Western Regional Radon Training Center**  
Colorado State University  
Department of Industrial Sciences  
Fort Collins, CO 80523  
tel# (303) 491-7742

**Midwest Univ. Radon Consortium**  
University of Minnesota  
1985 Buford Avenue (240)  
St. Paul, MN 55108-1011  
tel# (612) 624-8747

**Southern Reg. Radon Training Center**  
Auburn Univ. Housing Research Center  
Engineering Extension Center  
107 Ramsay Hall  
Auburn University, AL 36849  
tel# (205) 844-6261



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(316)685-3166	(913)843-9138

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